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| <b>(51) International Patent Classification <sup>6</sup>:</b><br>A61K 39/00, 39/02, 39/09, 39/40, G01N 33/569, C07K 14/31, 16/12, A61K 39/085   | <b>A3</b> | <b>(11) International Publication Number:</b> WO 98/01154<br><b>(43) International Publication Date:</b> 15 January 1998 (15.01.98)   |
| <b>(21) International Application Number:</b> PCT/GB97/01830<br><b>(22) International Filing Date:</b> 7 July 1997 (07.07.97)<br><b>(30) Priority Data:</b><br>9614274.0 6 July 1996 (06.07.96) GB<br><b>(71) Applicant (for all designated States except US):</b> NEUTEC PHARMA PLC [GB/GB]; Clinical Sciences Building, Central Manchester Healthcare Trust, Oxford Road, Manchester M13 9WL (GB).<br><b>(72) Inventors; and</b><br><b>(75) Inventors/Applicants (for US only):</b> BURNIE, James, Peter [GB/GB]; 1 Greystoke Drive, Alderley Edge, Cheshire SK9 7PY (GB). MATTHEWS, Ruth, Christine [GB/GB]; 1 Greystoke Drive, Alderley Edge, Cheshire SK9 7PY (GB).<br><b>(74) Agents:</b> McNEIGHT, David, Leslie et al.; McNeight & Lawrence, Regent House, Heaton Lane, Stockport, Cheshire SK4 1BS (GB). |           | <b>(81) Designated States:</b> AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).<br><br><b>Published</b><br><i>With international search report.</i><br><i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i><br><br><b>(88) Date of publication of the international search report:</b> 25 June 1998 (25.06.98) |
| <b>(54) Title:</b> TREATMENT AND DIAGNOSIS OF INFECTIONS OF GRAM POSITIVE COCCI   |           |   |
| <b>(57) Abstract</b><br><p>The present invention provides bacterial and fungal ABC transporter proteins, immunogenic fragments thereof, neutralising agents specific thereto and binding agents specific thereto for therapeutic and diagnostic use, together with diagnostic test methods, methods of same and kits for performing same. Also provided are immunodominant conserved antigens from gram positive staphylococci, together with neutralising and binding agents specific thereto for use in therapy and diagnosis, and methods of same. Also provided are Staphylococcal homologues of IstA and IstB and immunogenic fragments thereof, and their uses in methods of treatment and diagnosis of the human or animal body.</p>   |           |   |